

WHAT IS CLAIMED IS:

1. A display apparatus comprising:

a main unit;

a display unit mounted to the main unit so as to be accommodatable

5 and projectable in and from the main unit;

an operation panel detachably attached to the main unit or to the display unit; and

a controller adapted to control operations of accommodating and projecting the display unit in and from the main unit,

10 wherein when the operation panel is detached from the main unit or the display unit in a state where the display unit is projected from the main unit, the controller controls to accommodate the display unit into the main unit.

2. The apparatus as claimed in claim 1, wherein the controller  
15 switches the main unit into an unpowered mode in which a power supply to the main unit is interrupted or into a sleep mode in which only minimum sections of the main unit are powered, after the display unit is accommodated within the main unit.

3. The apparatus as claimed in claim 1, wherein the controller  
20 controls to accommodate the display unit into the main unit when a predetermined time period elapses after the operation panel is detached from the main unit or the display unit.

4. The apparatus as claimed in claim 1, further comprising an alarm  
25 sound outputting section adapted to output an alarm sound when the display unit is accommodated into the main unit.

5. A display apparatus comprising:

a main unit;

a display unit mounted to the main unit so as to be accommodatable and projectable in and from the main unit;

an operation panel detachably attached to the main unit or to the display unit; and

a controller adapted to control operations of accommodating and projecting the display unit in and from the main unit,

wherein when the operation panel is attached to the main unit or the display unit in a state where the display unit is accommodated in the main unit, the controller controls to project the display unit from the main unit.

6. The apparatus as claimed in claim 5, wherein the controller controls to project the display unit to a position where the display unit is positioned before the display unit is accommodated in the main unit.

7. The apparatus as claimed in claim 5, wherein when a state before the operation panel is attached to the main unit or the display unit is an unpowered mode in which a power supply to the main unit is interrupted or a sleep mode in which only minimum sections of the main unit are powered, the controller switches the main unit into a regular powered mode after projecting the display unit.

8. The apparatus as claimed in claim 5, further comprising an alarm sound outputting section adapted to output an alarm sound when the display unit is projected from the main unit.

9. A controller for controlling operations of a display apparatus having a main unit, a display unit mounted to the main unit so as to be accommodatable and projectable in and from the main unit, and an operation panel detachably attached to the main unit or to the display unit, the controller comprising:

a display control part adapted to control the display unit to accommodate into the main unit when the operation panel is detached from the main unit or the display unit in a state where the display unit is projected from the main unit.

10. The controller as claimed in claim 9, further comprising a power control part adapted to switch the main unit into an unpowered mode in which a power supply to the main unit is interrupted or into a sleep mode in which only minimum sections of the main unit are powered, after the display unit is accommodated within the main unit.

11. The controller as claimed in claim 9, wherein the display control part controls to accommodate the display unit into the main unit when a predetermined time period elapses after the operation panel is detached from the main unit or the display unit.

12. The controller as claimed in claim 9, further comprising an alarm sound outputting part adapted to control the main unit to output an alarm sound when the display unit is accommodated into the main unit.

13. A controller for controlling operations of a display apparatus having a main unit, a display unit mounted to the main unit so as to be accommodatable and projectable in and from the main unit, and an operation panel detachably attached to the main unit or to the display

unit, the controller comprising:

a display control part adapted to control the display unit to project from the main unit when the operation panel is attached to the main unit or the display unit in a state where the display unit is accommodated from the main unit.

14. The controller as claimed in claim 13, wherein the display control part controls to project the display unit to a position where the display unit is positioned before the display unit is accommodated in the main unit.

15. The controller as claimed in claim 13, further comprising a power control part adapted to switch the main unit into a regular powered mode after projecting the display unit when a state before the operation panel is attached to the main unit or the display unit is an unpowered mode in which a power supply to the main unit is interrupted or a sleep mode in which only minimum sections of the main unit are powered.

16. The controller as claimed in claim 13, further comprising an alarm sound outputting part adapted to control the main unit to output an alarm sound when the display unit is accommodated into the main unit.